

Title (en)  
Housing case for electronic circuit board

Title (de)  
Gehäuse für elektronische Leiterplatte

Title (fr)  
Boîtier pour carte de circuits électroniques

Publication  
**EP 1610601 A1 20051228 (EN)**

Application  
**EP 05253912 A 20050623**

Priority  
JP 2004186621 A 20040624

Abstract (en)  
In a housing case (10) for an electronic circuit board (12) on which components (18a, 18b) such as connectors are mounted, there are provided a pair of guide rails (14a, 14b) that form a guide path when the board is inserted in the case and a holder or projection (22) holding the connectors mounted on the board, and the guide rails are disposed in a position that does not interfere with the board when the connector is held by the holder, thereby enabling to easily receive the board to be accurately fixed at a predetermined position, while preventing an excessive twisting/shaking force from concentrating at a joint where components are joined to the board, when mating connector is inserted to or removed from the connectors.  
<IMAGE>

IPC 1-7  
**H05K 5/00**; **H05K 5/02**; **H05K 7/14**

IPC 8 full level  
**H01R 12/00** (2006.01); **H05K 5/00** (2006.01); **H05K 5/02** (2006.01); **H05K 7/14** (2006.01)

CPC (source: EP US)  
**H05K 5/0039** (2013.01 - EP US)

Citation (applicant)  
JP 2001237557 A 20010831 - KEIHIN CORP

Citation (search report)  
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• [A] US 3711814 A 19730116 - POMELLA P, et al & US 2001017767 A1 20010830 - KITAMURA NOBUYUKI [JP], et al  
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